

FIG. 1

FIG. 2A

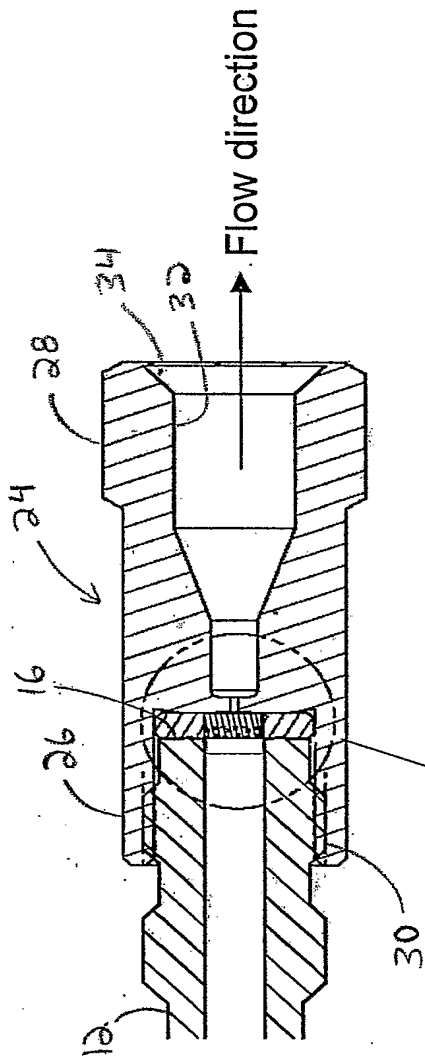


FIG. 2B

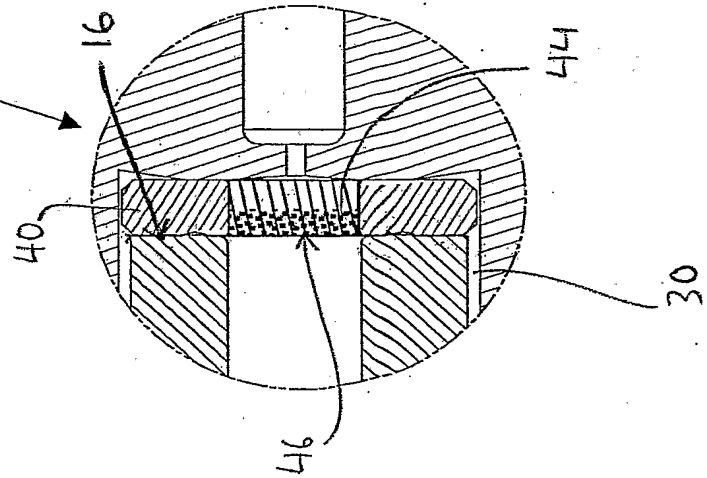


FIG. 3

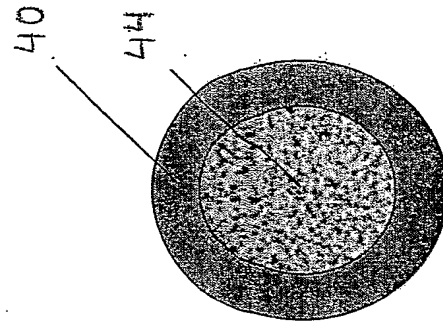


FIG. 4A

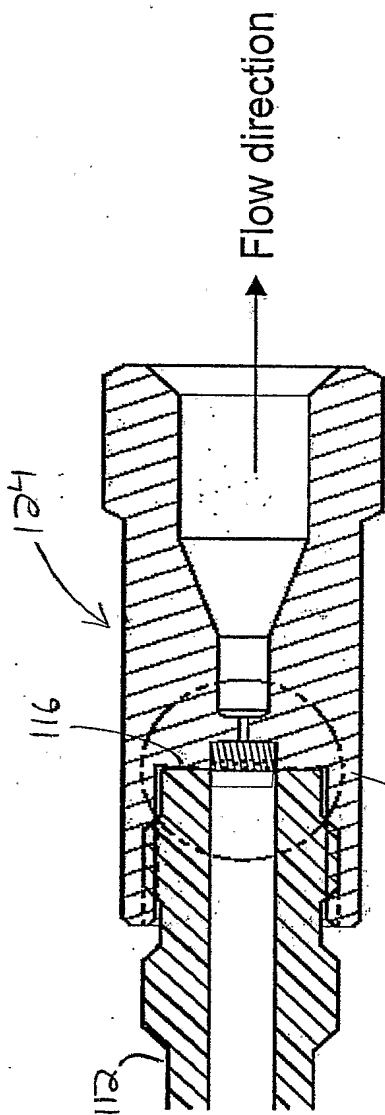


FIG. 4B

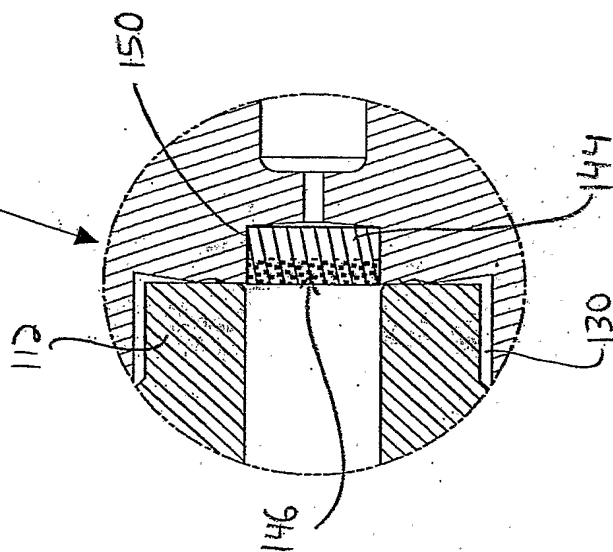


FIG. 5A

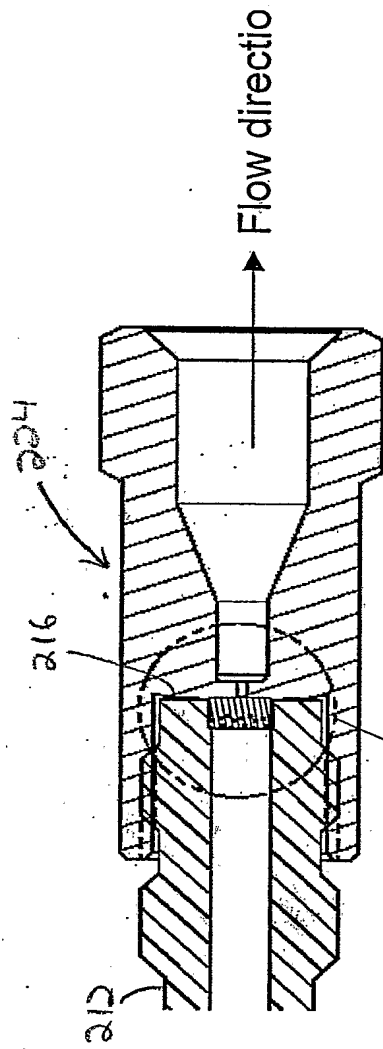
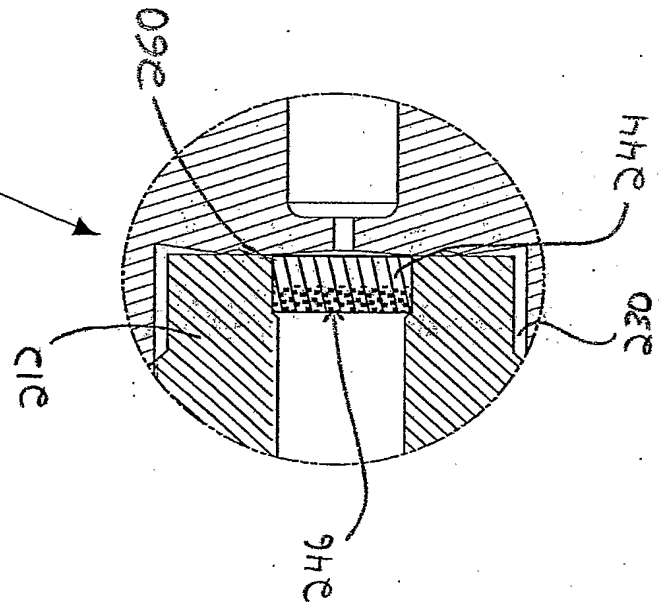
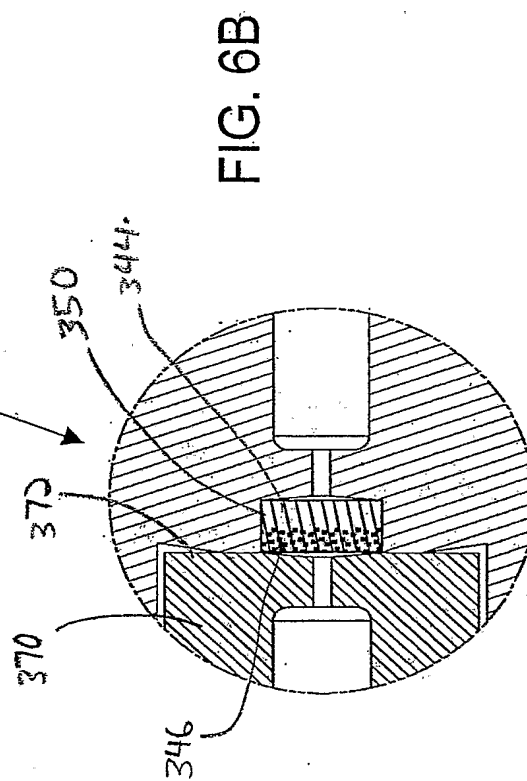
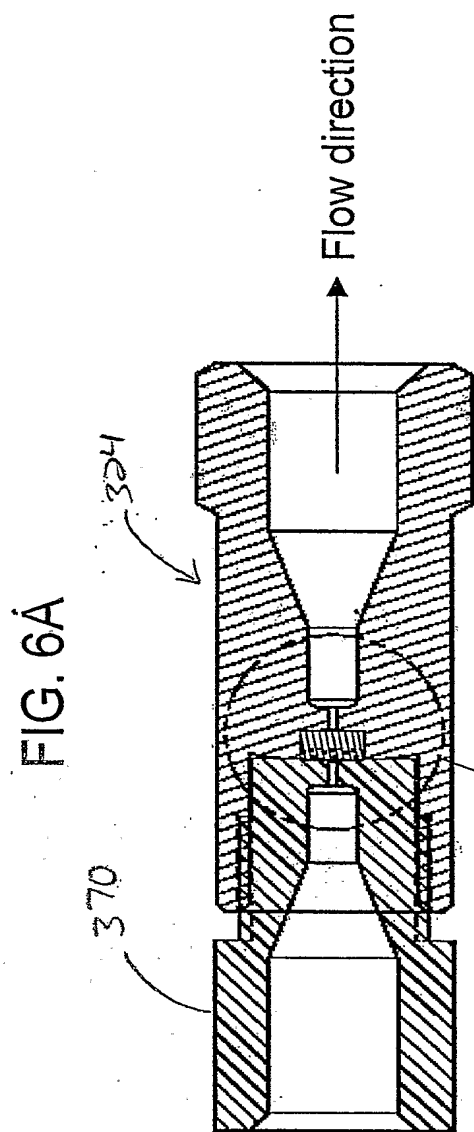


FIG. 5B





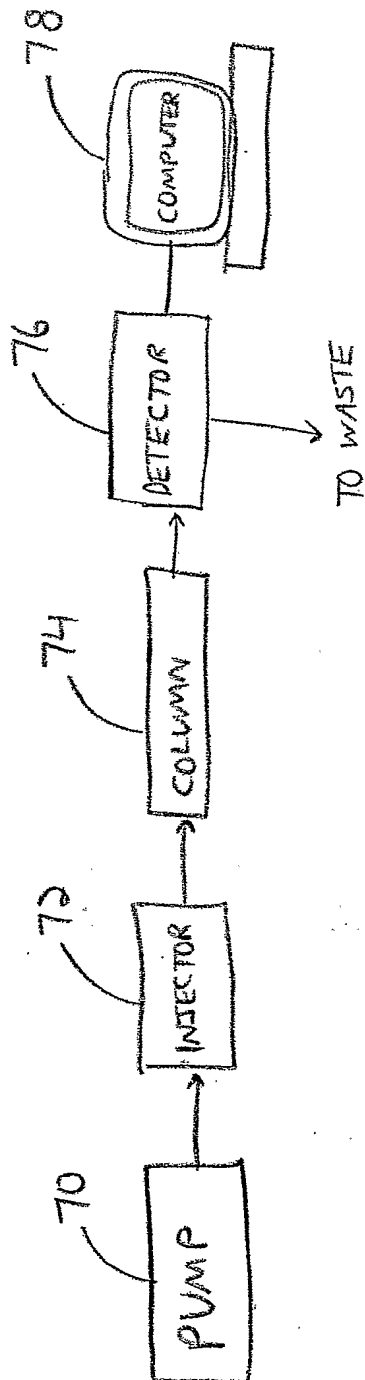


FIG. 7
PRIOR ART

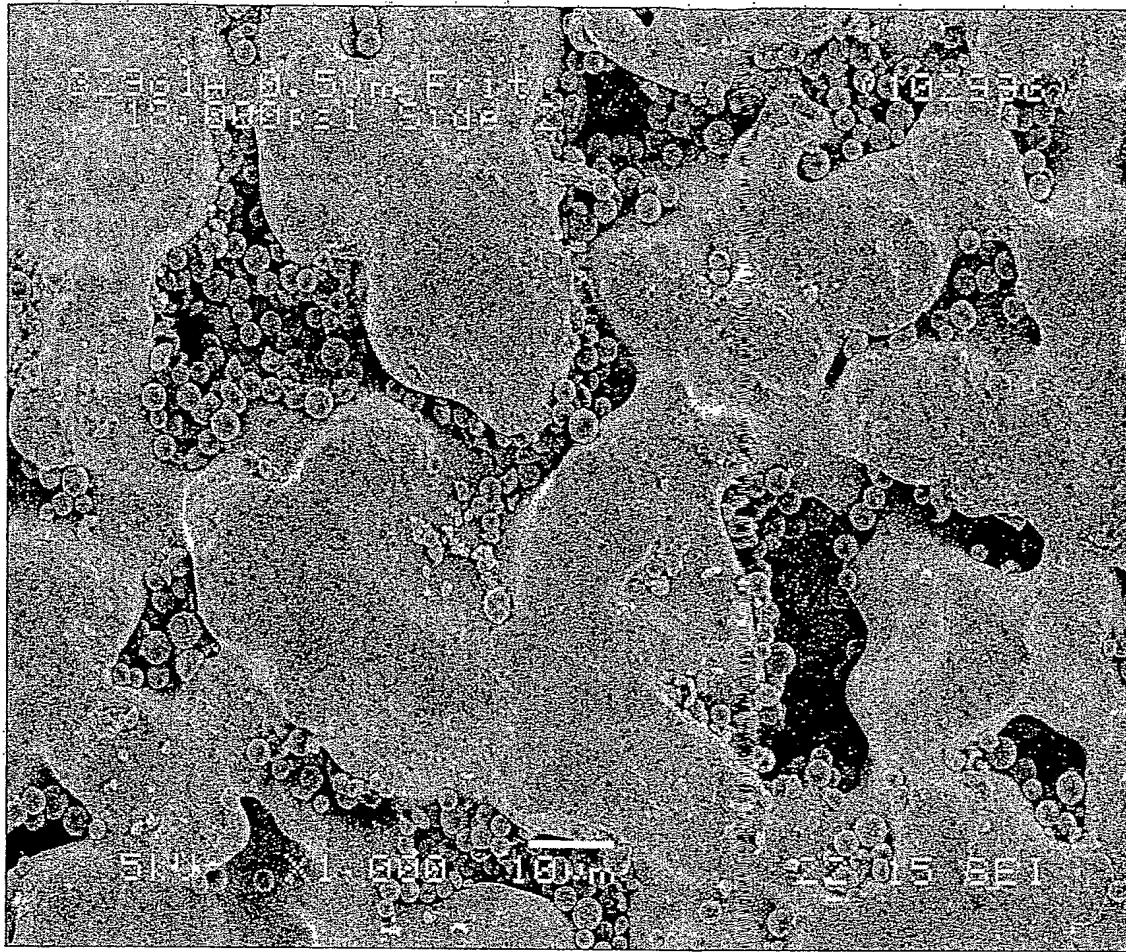


FIG. 8
PRIOR ART

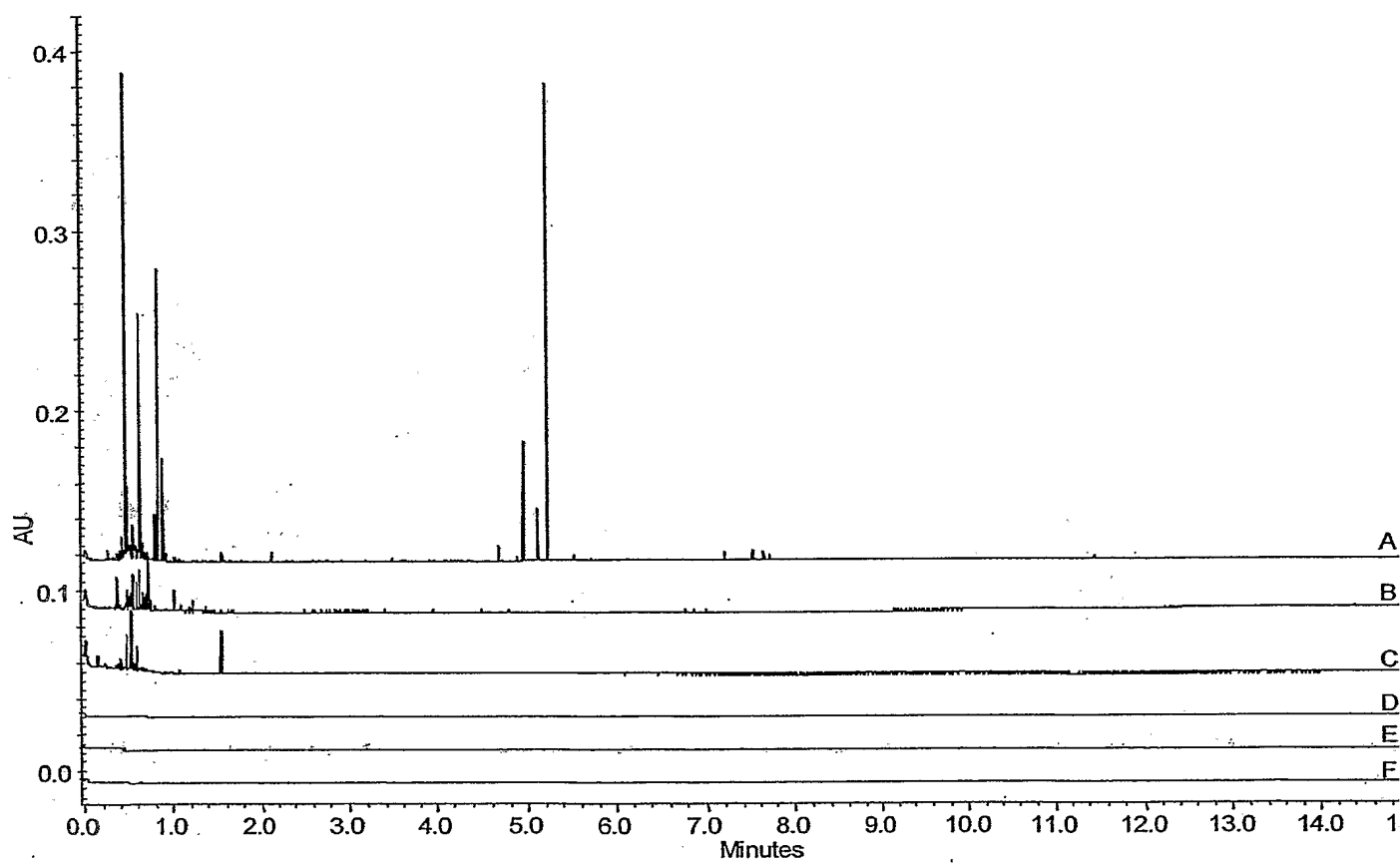
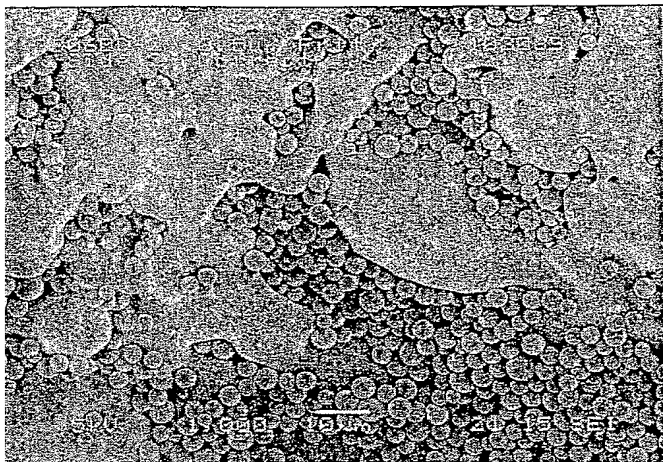
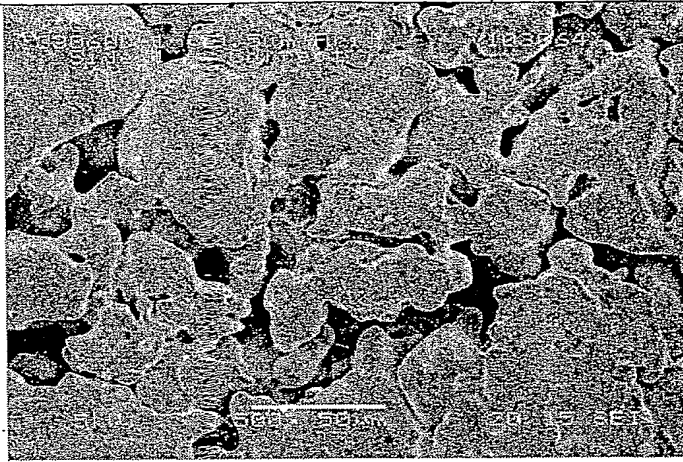


FIG. 9



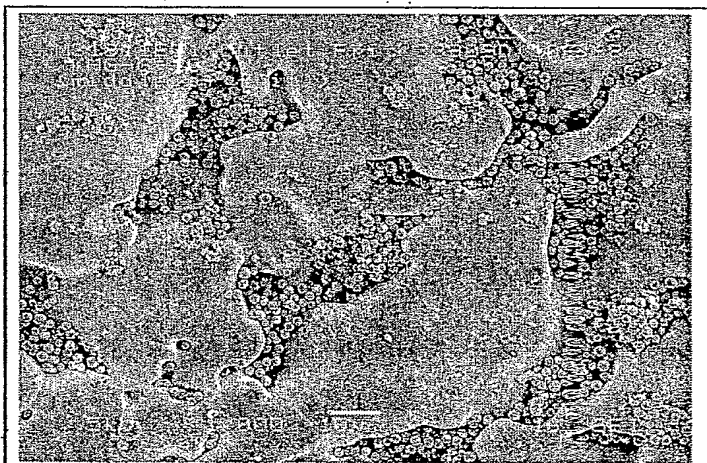
A. Top of 0.5 media grade frit filled with 3.5 micrometer chromatographic particles.



B. Bottom or down stream side of 0.5 media grade frit filled with 3.5 micrometer chromatographic particles

FIG. 10(A)

FIG. 10(B)



C. Top of 0.5 media grade frit filled with 2 micrometer chromatographic particles.

FIG. 10(C)

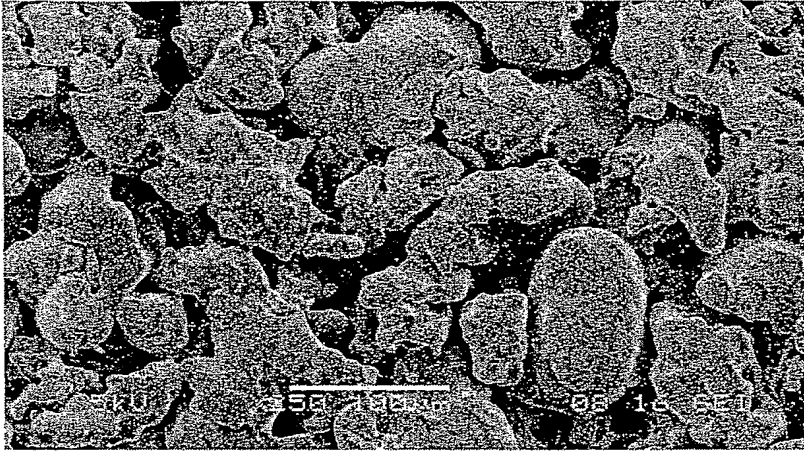


FIG. 11(A)

A. SEM of 0.5 media grade frit prior to filling

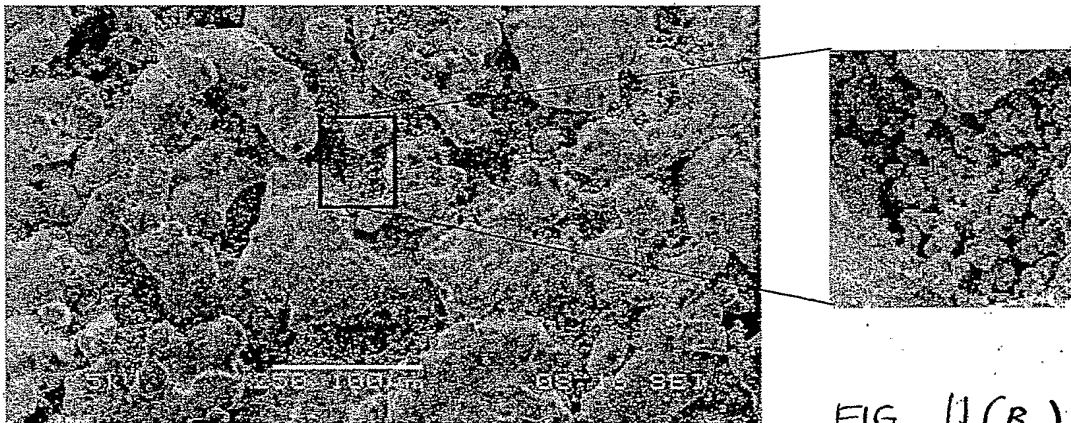


FIG. 11(B)

B. SEM of 0.5 media grade frit after filling with 4 micrometer spherical stainless steel particles and sintered in a secondary process.